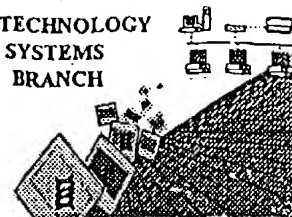# RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _09/689,992 B_

Source: _1 FW 16_

Date Processed by STIC: _3/12/04_

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Revised 10/08/03

IFW16

RAW SEQUENCE LISTING   DATE: 03/12/2004
PATENT APPLICATION: US/09/689,992B   TIME: 09:22:45

Input Set : A:\seqlst3.txt
Output Set: N:\CRF4\03122004\I689992B.raw

  3 <110> APPLICANT: Mello, Craig C.
  4   Tabara, Hiroaki
  5   Grishok, Alla
  6   Fire, Andrew
  8 <120> TITLE OF INVENTION: RNA INTERFERENCE PATHWAY GENES AS TOOLS FOR TARGETED GENETIC
  9   INTERFERENCE
 11 <130> FILE REFERENCE: UMG-052
 13 <140> CURRENT APPLICATION NUMBER: US 09/689,992B
 14 <141> CURRENT FILING DATE: 2000-10-13
 16 <150> PRIOR APPLICATION NUMBER: US 60/193,218
 17 <151> PRIOR FILING DATE: 2000-03-30
 19 <150> PRIOR APPLICATION NUMBER: US 60/159,776
 20 <151> PRIOR FILING DATE: 1999-10-15
 22 <160> NUMBER OF SEQ ID NOS: 14
 24 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

                                            Does Not Comply
                                        Corrected Diskette Needer

532 <210> SEQ ID NO: 5
533 <211> LENGTH: (407) 385 (p.2)
534 <212> TYPE: PRT
535 <213> ORGANISM: Caenorhabditis elegans
538 <400> SEQUENCE: 5
539 Met Asp Leu Thr Lys Leu Thr Phe Glu Ser Val Phe Gly Gly Ser Asp
540   1   5   10   15
541 Val Pro Met Lys Pro Ser Arg Ser Glu Asp Asn Lys Thr Pro Arg Asn
542   20   25   30.
543 Arg Thr Asp Leu Glu Met Phe Leu Lys Lys Thr Pro Leu Met Val Leu
544   35   40   45
545 Glu Glu Ala Ala Lys Ala Val Tyr Gln Lys Thr Pro Thr Trp Gly Thr
546   50   55   60
547 Val Glu Leu Pro Glu Gly Phe Glu Met Thr Leu Ile Leu Asn Glu Ile
548 65   70   75   80
549 Thr Val Lys Gly Gln Ala Thr Ser Lys Lys Ala Ala Arg Gln Lys Ala
550   --   85   90   95
551 Ala Val Glu Tyr Leu Arg Lys Val Val Glu Lys Gly Lys His Glu Ile
552   100   105   110
553 Phe Phe Ile Pro Gly Thr Thr Lys Glu Glu Ala Leu Ser Asn Ile Asp
554   115   120   125·
555 Gln Ile Ser Asp Lys Ala Glu Glu Leu Lys Arg Ser Thr Ser Asp Ala
556   130   135   140
557 Val Gln Asp Asn Asp Asn Asp Asp Ser Ile Pro Thr Ser Ala Glu Phe

RAW SEQUENCE LISTING   DATE: 03/12/2004
PATENT APPLICATION: US/09/689,992B   TIME: 09:22:45

Input Set : **A:\seqlst3.txt**
Output Set: **N:\CRF4\03122004\I689992B.raw**

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558 145                 150                 155                 160
559 Pro Pro Gly Ile Ser Pro Thr Glu Asn Trp Val Gly Lys Leu Gln Glu
560                 165                 170                 175
561 Lys Ser Gln Lys Ser Lys Leu Gln Ala Pro Ile Tyr Glu Asp Ser Lys
562                 180                 185                 190
563 Asn Glu Arg Thr Glu Arg Phe Leu Val Ile Cys Thr Met Cys Asn Gln
564             195                 200                 205
565 Lys Thr Arg Gly Ile Arg Ser Lys Lys Lys Asp Ala Lys Asn Leu Ala
566     210                 215                 220
567 Ala Trp Leu Met Trp Lys Ala Leu Glu Asp Gly Ile Glu Ser Leu Glu
568 225                 230                 235                 240
569 Ser Tyr Asp Met Val Asp Val Ile Glu Asn Leu Glu Glu Ala Glu His
570                 245                 250                 255
571 Leu Leu Glu Ile Gln Asp Gln Ala Ser Lys Ile Lys Asp Lys His Ser
572             260                 265                 270
573 Ala Leu Ile Asp Ile Leu Ser Asp Lys Lys Arg Phe Ser Asp Tyr Ser
574             275                 280                 285
575 Met Asp Phe Asn Val Leu Ser Val Ser Thr Met Gly Ile His Gln Val
576     290                 295                 300
577 Leu Leu Glu Ile Ser Phe Arg Arg Leu Val Ser Pro Asp Pro Asp Asp
578 305                 310                 315                 320
579 Leu Glu Met Gly Ala Glu His Thr Gln Thr Glu Glu Ile Met Lys Ala
580                 325                 330                 335
581 Thr Ala Glu Lys Glu Lys Leu Arg Lys Lys Asn Met Pro Asp Ser Gly
582             340                 345                 350
583 Pro Leu Val Phe Ala Gly His Gly Ser Ser Ala Glu Glu Ala Lys Gln
584             355                 360                 365
585 Cys Ala Cys Lys Ser Ala Ile Ile His Phe Asn Thr Tyr Asp Phe Thr
586     370                 375                 380
E--> 587 Asp
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/689,992B**

DATE: 03/12/2004
TIME: 09:22:46

Input Set : **A:\seqlst3.txt**
Output Set: **N:\CRF4\03122004\I689992B.raw**

L:587 M:252 E: No. of Seq. differs, <211> LENGTH:Input:407 Found:385 SEQ:5
L:794 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:798 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8
L:799 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
M:341 Repeated in SeqNo=8